

WHAT IS CLAIMED IS:

1. An ion pair compound according to general formula I:



wherein

$[\text{narcotic}]^+$ represents at least one cation of at least one narcotic agent or one or more stereochemical isomers thereof; and

$[\text{A}]^-$ represents an anion of at least one NSAID or one or more stereochemical isomers thereof,

or a pharmaceutically acceptable solvate, hydrate, polymorph, isotopically labeled version, or combination thereof.

2. The ion pair compound according to claim 1, wherein the narcotic in $[\text{narcotic}]^+$ is selected from the group consisting of ketamine, oxycodone, propoxyphene, methadone, hydrocodone, morphine, codeine, fentanyl, meperidine, hydromorphone, oxymorphone, dihydrocodeine, nalbuphine, and buprenorphine.
3. The ion pair compound according to claim 2, wherein the narcotic in $[\text{narcotic}]^+$ is selected from the group consisting of ketamine, oxycodone, propoxyphene, methadone, hydrocodone, morphine, and codeine.
4. The ion pair compound according to claim 3, wherein the narcotic is propoxyphene.
5. The ion pair compound according to claim 3, wherein the narcotic is codeine.
6. The ion pair compound according to claim 3, wherein the narcotic is hydrocodone.
7. The ion pair compound according to claim 3, wherein the narcotic is oxycodone.
8. The ion pair compound according to claim 3, wherein the narcotic is morphine.

9. The ion pair compound according to claim 3, wherein the narcotic is methadone.
10. The ion pair compound according to claim 1, wherein A in [A]⁻ is selected from the group consisting of nonselective COX inhibitors, selective COX-2 inhibitors, COX-LOX inhibitors, PLA₂ inhibitors, and combinations thereof.
11. The ion pair compound according to claim 10, wherein said NSAID is a nonselective COX inhibitor.
12. The ion pair compound according to claim 10, wherein said NSAID is a selective COX-2 inhibitor.
13. The ion pair compound according to claim 10, wherein said NSAID is a COX-LOX inhibitor.
14. The ion pair compound according to claim 10, wherein said NSAID is a PLA₂ inhibitor.
15. The ion pair compound according to claim 2, wherein A in [A]⁻ is selected from the group consisting of nonselective COX inhibitors, selective COX-2 inhibitors, COX-LOX inhibitors, PLA₂ inhibitors, and combinations thereof.
16. The ion pair compound according to claim 15, wherein said NSAID is a nonselective COX inhibitor.
17. The ion pair compound according to claim 15, wherein said NSAID is a selective COX-2 inhibitor.
18. The ion pair compound according to claim 15, wherein said NSAID is a COX-LOX inhibitor.
19. The ion pair compound according to claim 15, wherein said NSAID is a PLA₂ inhibitor.

20. The ion pair compound according to claim 1, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, alclofenac, fenclofenac, diflunisal, benorylate, fosfosal, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, carprofen, fenbufen, flurbiprofen, oxaprozin, suprofen, triaprofenic acid, fenoprofen, indoprofen, piroprofen, flufenamic, mefenamic, meclofenamic, niflumic, salsalate, rolmerin, fentiazac, tilomisole, oxyphenbutazone, phenylbutazone, apazone, feprazole, sudoxicam, isoxicam, tenoxicam, piroxicam, indomethacin, meloxicam, nabumetone, tolmetin, lumiracoxib, and parecoxib.
21. The ion pair compound according to claim 20, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, lumiracoxib, and parecoxib.
22. The ion pair compound according to claim 20, wherein the NSAID is diclofenac.
23. The ion pair compound according to claim 20, wherein the NSAID is lumiracoxib.
24. The ion pair compound according to claim 2, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, alclofenac, fenclofenac, diflunisal, benorylate, fosfosal, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, carprofen, fenbufen, flurbiprofen, oxaprozin, suprofen, triaprofenic acid, fenoprofen, indoprofen, piroprofen, flufenamic, mefenamic, meclofenamic, niflumic, salsalate, rolmerin, fentiazac, tilomisole, oxyphenbutazone, phenylbutazone, apazone, feprazole, sudoxicam, isoxicam, tenoxicam, piroxicam, indomethacin, meloxicam, nabumetone, tolmetin, lumiracoxib, and parecoxib.
25. The ion pair compound according to claim 24, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, lumiracoxib, and parecoxib.
26. The ion pair compound according to claim 1, wherein the compound is selected from the group consisting of propoxyphene diclofenate, ketamine

diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, propoxyphene salicylate, propoxyphene acetylsalicylate, propoxyphene ibuprofenate, morphine diclofenate, and oxycodone diclofenate.

27. The ion pair compound according to claim 24, wherein the compound is selected from the group consisting of propoxyphene diclofenate, ketamine diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, morphine diclofenate, and oxycodone diclofenate.

28. The ion pair compound according to claim 24, wherein the compound is selected from the group consisting of propoxyphene salicylate, propoxyphene acetylsalicylate, and propoxyphene ibuprofenate.

29. The ion pair compound according to claim 1, wherein the compound is selected from the group consisting of propoxyphene lumiracoxibate, ketamine lumiracoxibate, methadone lumiracoxibate, hydrocodone lumiracoxibate, codeine lumiracoxibate, morphine lumiracoxibate, and oxycodone lumiracoxibate.

30. The ion pair compound according to claim 1, wherein the compound is selected from the group consisting of propoxyphene parecoxibate, ketamine parecoxibate, methadone parecoxibate, hydrocodone parecoxibate, codeine parecoxibate, morphine parecoxibate, and oxycodone parecoxibate.

31. The ion pair compound according to claim 1, wherein the compound is selected from the group consisting of propoxyphene naproxenate, propoxyphene etodolcate, propoxyphene ketoprofenate, propoxyphene sulindate, propoxyphene suprofenate, propoxyphene flurbiprofenate, propoxyphene tolmetinate, propoxyphene fenoprofenate, propoxyphene oxaprozinate, propoxyphene difunisalate, propoxyphene loxoprofenate,

ketamine ibuprofenate, ketamine acetylsalicylate, ketamine indomethacinate, ketamine naproxenate, ketamine etodolcate, ketamine sulindate, ketamine ketoprofenate, ketamine suprofenate, ketamine flurbiprofenate, ketamine tolmetinate, ketamine fenoprofenate, ketamine oxaprozinate, ketamine difunisalate, ketamine loxoprofenate, ketamine salicylate, ketamine diclofenate,

methadone ibuprofenate, methadone acetylsalicylate, methadone salicylate, methadone indomethacinate, methadone naproxenate, methadone etodolate, methadone sulinate, methadone ketoprofenate, methadone suprofenate, methadone flurbiprofenate, methadone tolmetinate, methadone fenoprofenate, methadone oxaprozinate, methadone difunisalate, methadone loxoprofenate,

hydrocodone ibuprofenate, hydrocodone acetylsalicylate, hydrocodone salicylate, hydrocodone indomethacinate, hydrocodone naproxenate, hydrocodone etodolate, hydrocodone sulindate, hydrocodone ketoprofenate, hydrocodone suprofenate, hydrocodone flurbiprofenate, hydrocodone tolmetinate, hydrocodone fenoprofenate, hydrocodone oxaprozinate, hydrocodone difunisalate, hydrocodone loxoprofenate,

codeine ibuprofenate, codeine acetylsalicylate, codeine salicylate, codeine indomethacinate, codeine naproxenate, codeine etodolate, codeine sulindate, codeine ketoprofenate, codeine suprofenate, codeine flurbiprofenate, codeine tolmetinate, codeine fenoprofenate, codeine oxaprozinate, codeine difunisalate, codeine loxoprofenate,

morphine ibuprofenate, morphine acetylsalicylate, morphine salicylate, morphine indomethacinate, morphine naproxenate, morphine etodolate, morphine sulindate, morphine ketoprofenate, morphine suprofenate, morphine flurbiprofenate, morphine tolmetinate, morphine fenoprofenate, morphine oxaprozinate, morphine difunisalate, morphine loxoprofenate,

levorphanol ibuprofenate, levorphanol acetylsalicylate, levorphanol salicylate, levorphanol indomethacinate, levorphanol naproxenate, levorphanol etodolate, levorphanol sulindate, levorphanol ketoprofenate, levorphanol suprofenate, levorphanol flurbiprofenate, levorphanol tolmetinate, levorphanol fenoprofenate, levorphanol oxaprozinate, levorphanol difunisalate, levorphanol loxoprofenate,

oxycodone ibuprofenate, oxycodone acetylsalicylate, oxycodone salicylate, oxycodone indomethacinate, oxycodone naproxenate, oxycodone etodolate, oxycodone sulindate, oxycodone ketoprofenate, oxycodone suprofenate, oxycodone flurbiprofenate, oxycodone tolmetinate, oxycodone fenoprofenate, oxycodone oxaprozinate, oxycodone difunisalate, oxycodone loxoprofenate,

fentanyl naproxenate, fentanyl etodolate, fentanyl ketoprofenate, fentanyl sulindate, fentanyl suprofenate, fentanyl flurbiprofenate, fentanyl tolmetinate, fentanyl fenoprofenate, fentanyl oxaprozinate, fentanyl difunisalate, fentanyl loxoprofenate,

meperidine naproxenate, meperidine etodolate, meperidine ketoprofenate, meperidine sulindate, meperidine suprofenate, meperidine flurbiprofenate, meperidine tolmetinate, meperidine fenoprofenate, meperidine oxaprozinate, meperidine difunisalate, meperidine loxoprofenate,

hydromorphone naproxenate, hydromorphone etodolate, hydromorphone ketoprofenate, hydromorphone sulindate, hydromorphone suprofenate, hydromorphone flurbiprofenate, hydromorphone tolmetinate, hydromorphone fenoprofenate, hydromorphone oxaprozinate, hydromorphone difunisalate, hydromorphone loxoprofenate,

oxymorphone naproxenate, oxymorphone etodolate, oxymorphone ketoprofenate, oxymorphone sulindate, oxymorphone suprofenate, oxymorphone flurbiprofenate, oxymorphone tolmetinate, oxymorphone fenoprofenate, oxymorphone oxaprozinate, oxymorphone difunisalate, oxymorphone loxoprofenate,

dihydrocodeine naproxenate, dihydrocodeine etodolate, dihydrocodeine ketoprofenate, dihydrocodeine sulindate, dihydrocodeine suprofenate, dihydrocodeine flurbiprofenate, dihydrocodeine tolmetinate, dihydrocodeine fenoprofenate, dihydrocodeine oxaprozinate, dihydrocodeine difunisalate, and dihydrocodeine loxoprofenate.

32. The ion pair compound according to claim 1, wherein the compound is propoxyphene diclofenate.

33. A pharmaceutical composition comprising a therapeutically effective amount of the ion pair compound according to claim 1 and a pharmaceutically acceptable carrier, diluent, excipient, stimulant, or combination thereof.

34. The pharmaceutical composition according to claim 33, wherein the composition further comprises a therapeutically effective amount of an additional NSAID.

35. The pharmaceutical composition according to claim 34, wherein the additional NSAID is the same as A, or a pharmaceutically acceptable salt, solvate, hydrate, polymorph, isotopically labeled version, or combination thereof.
36. The pharmaceutical composition according to claim 35, wherein the ion pair compound is propoxyphene diclofenate.
37. The pharmaceutical composition according to claim 36, wherein the additional NSAID is selected from the group consisting of diclofenac free acid and pharmaceutically acceptable salts thereof.
38. The pharmaceutical composition according to claim 37, wherein the pharmaceutically acceptable salts are selected from sodium and potassium salts.
39. The pharmaceutical composition according to claim 34, wherein the additional NSAID is different from A.
40. The pharmaceutical composition according to claim 33, wherein the composition further comprises a therapeutically effective amount of an additional narcotic,
41. The pharmaceutical composition according to claim 40, wherein the additional narcotic is the same as the narcotic in [narcotic]⁺, or a pharmaceutically acceptable salt, solvate, hydrate, polymorph, isotopically labeled version, or combination thereof.
42. The pharmaceutical composition according to claim 41, wherein the additional narcotic is different from the narcotic in [narcotic]⁺.
43. The pharmaceutical composition according to claim 33, wherein the ion pair compound is selected from the group consisting of propoxyphene diclofenate, ketamine diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, propoxyphene salicylate, propoxyphene acetylsalicylate propoxyphene ibuprofenate, morphine diclofenate, and oxycodone diclofenate.

44. The pharmaceutical composition according to claim 33, wherein the compound is selected from the group consisting of propoxyphene naproxenate, propoxyphene etodolate, propoxyphene ketoprofenate, propoxyphene sulindate, propoxyphene suprofenate, propoxyphene flurbiprofenate, propoxyphene tolmetinate, propoxyphene fenoprofenate, propoxyphene oxaprozinate, propoxyphene difunisalate, propoxyphene loxoprofenate,

ketamine ibuprofenate, ketamine acetylsalicylate, ketamine indomethacinate, ketamine naproxenate, ketamine etodolate, ketamine sulindate, ketamine ketoprofenate, ketamine suprofenate, ketamine flurbiprofenate, ketamine tolmetinate, ketamine fenoprofenate, ketamine oxaprozinate, ketamine difunisalate, ketamine loxoprofenate, ketamine salicylate, ketamine diclofenate,

methadone ibuprofenate, methadone acetylsalicylate, methadone salicylate, methadone indomethacinate, methadone naproxenate, methadone etodolate, methadone sulinate, methadone ketoprofenate, methadone suprofenate, methadone flurbiprofenate, methadone tolmetinate, methadone fenoprofenate, methadone oxaprozinate, methadone difunisalate, methadone loxoprofenate,

hydrocodone ibuprofenate, hydrocodone acetylsalicylate, hydrocodone salicylate, hydrocodone indomethacinate, hydrocodone naproxenate, hydrocodone etodolate, hydrocodone sulindate, hydrocodone ketoprofenate, hydrocodone suprofenate, hydrocodone flurbiprofenate, hydrocodone tolmetinate, hydrocodone fenoprofenate, hydrocodone oxaprozinate, hydrocodone difunisalate, hydrocodone loxoprofenate,

codeine ibuprofenate, codeine acetylsalicylate, codeine salicylate, codeine indomethacinate, codeine naproxenate, codeine etodolate, codeine sulindate, codeine ketoprofenate, codeine suprofenate, codeine flurbiprofenate, codeine tolmetinate, codeine fenoprofenate, codeine oxaprozinate, codeine difunisalate, codeine loxoprofenate,

morphine ibuprofenate, morphine acetylsalicylate, morphine salicylate, morphine indomethacinate, morphine naproxenate, morphine etodolate, morphine sulindate, morphine ketoprofenate, morphine suprofenate, morphine flurbiprofenate,

morphine tolmetinate, morphine fenoprofenate, morphine oxaprozinate, morphine difunisalate, morphine loxoprofenate,

levorphanol ibuprofenate, levorphanol acetylsalicylate, levorphanol salicylate, levorphanol indomethacinate, levorphanol naproxenate, levorphanol etodolate, levorphanol sulindate, levorphanol ketoprofenate, levorphanol suprofenate, levorphanol flurbiprofenate, levorphanol tolmetinate, levorphanol fenoprofenate, levorphanol oxaprozinate, levorphanol difunisalate, levorphanol loxoprofenate,

oxycodone ibuprofenate, oxycodone acetylsalicylate, oxycodone salicylate, oxycodone indomethacinate, oxycodone naproxenate, oxycodone etodolate, oxycodone sulindate, oxycodone ketoprofenate, oxycodone suprofenate, oxycodone flurbiprofenate, oxycodone tolmetinate, oxycodone fenoprofenate, oxycodone oxaprozinate, oxycodone difunisalate, oxycodone loxoprofenate,

fentanyl naproxenate, fentanyl etodolate, fentanyl ketoprofenate, fentanyl sulindate, fentanyl suprofenate, fentanyl flurbiprofenate, fentanyl tolmetinate, fentanyl fenoprofenate, fentanyl oxaprozinate, fentanyl difunisalate, fentanyl loxoprofenate,

meperidine naproxenate, meperidine etodolate, meperidine ketoprofenate, meperidine sulindate, meperidine suprofenate, meperidine flurbiprofenate, meperidine tolmetinate, meperidine fenoprofenate, meperidine oxaprozinate, meperidine difunisalate, meperidine loxoprofenate,

hydromorphone naproxenate, hydromorphone etodolate, hydromorphone ketoprofenate, hydromorphone sulindate, hydromorphone suprofenate, hydromorphone flurbiprofenate, hydromorphone tolmetinate, hydromorphone fenoprofenate, hydromorphone oxaprozinate, hydromorphone difunisalate, hydromorphone loxoprofenate,

oxymorphone naproxenate, oxymorphone etodolate, oxymorphone ketoprofenate, oxymorphone sulindate, oxymorphone suprofenate, oxymorphone flurbiprofenate, oxymorphone tolmetinate, oxymorphone fenoprofenate, oxymorphone oxaprozinate, oxymorphone difunisalate, oxymorphone loxoprofenate,

dihydrocodeine naproxenate, dihydrocodeine etodolate, dihydrocodeine ketoprofenate, dihydrocodeine sulindate, dihydrocodeine suprofenate, dihydrocodeine

flurbiprofenate, dihydrocodeine tolmetinate, dihydrocodeine fenoprofenate, dihydrocodeine oxaprozinate, dihydrocodeine difunisalate, and dihydrocodeine loxoprofenate.

45. The pharmaceutical composition according to claim 40, wherein the ion pair compound is propoxyphene diclofenate.

46. The pharmaceutical composition according to claim 33, further comprising:
at least one dispersing agent selected from the group consisting of polymer-based dispersing agents and carbohydrate-based dispersing agents,
wherein the ratio of the ion pair compound to the polymer-based dispersing agent is from about 3:1 (w/w) to about 1:50 (w/w), and
wherein the ratio of the ion pair compound to the carbohydrate-based dispersing agent is from about 3:1 (w/w) to about 1:20 (w/w); and
at least one solubilizing agent; and, optionally,
at least one surfactant; and, further optionally,
at least one plasticizing agent.

47. The pharmaceutical composition according to claim 46, wherein at least one dispersing agent is a polymer-based dispersing agent.

48. The pharmaceutical composition according to claim 47, wherein the polymer-based dispersing agent is polyvinylpyrrolidone.

49. The pharmaceutical composition according to claim 48, wherein the polyvinylpyrrolidone is polyvinylpyrrolidone K29-32.

50. The pharmaceutical composition according to claim 46, wherein at least one dispersing agent is a carbohydrate-based dispersing agent.

51. The pharmaceutical composition according to claim 50, wherein the carbohydrate-based dispersing agent is selected from the group consisting of hydroxypropylcellulose, hydroxymethylcellulose, and cyclodextrin.

52. The pharmaceutical composition according to claim 46, wherein the composition comprises a solubilizing agent.
53. The pharmaceutical composition according to claim 52, wherein the solubilizing agent is selected from the group consisting of water and polyethylene glycol.
54. The pharmaceutical composition according to claim 53, wherein the molecular weight of the polyethylene glycol is from about 200 g/mol to about 8,000 g/mol.
55. The pharmaceutical composition according to claim 53, wherein the concentration of the polyethylene glycol is from about 20 percent (w/w) to about 99 percent (w/w) based on the total weight of the composition.
56. The pharmaceutical composition according to claim 46, wherein the composition comprises a plasticizing agent.
57. The pharmaceutical composition according to claim 56, wherein the plasticizing agent is selected from the group consisting of glycerin, propylene glycol, and sorbitol.
58. The pharmaceutical composition according to claim 46, wherein the composition comprises a surfactant.
59. A method of treating a condition for which is indicated an analgesic in animals comprising administering to an animal in need of treatment a therapeutically effective amount of the ion pair compound according to claim 1.
60. A method of treating a condition for which is indicated an anti-inflammatory agent in animals comprising administering to an animal in need of treatment a therapeutically effective amount of the ion pair compound according to claim 1.
61. A method of treating a condition for which is indicated an analgesic and an anti-inflammatory agent in animals comprising administering to an animal in need of

treatment a therapeutically effective amount of the ion pair compound according to claim 1.

62. The method according to claim 59 wherein the animal is a mammal.
63. The method according to claim 62 wherein the mammal is a human.
64. The method according to claim 60 wherein the animal is a mammal.
65. The method according to claim 64 wherein the mammal is a human
66. The method according to claim 61 wherein the animal is a mammal.
67. The method according to claim 66 wherein the mammal is a human.
68. A method of treating a condition for which is indicated an analgesic in animals comprising administering to an animal in need of treatment a therapeutically effective amount of the pharmaceutical composition according to claim 33.
69. A method of treating a condition for which is indicated an anti-inflammatory agent in animals comprising administering to an animal in need of treatment a therapeutically effective amount of the pharmaceutical composition according to claim 33.
70. A method of treating a condition for which is indicated an analgesic and an anti-inflammatory agent in animals comprising administering to an animal in need of treatment a therapeutically effective amount of the pharmaceutical composition according to claim 33.
71. The method according to claim 68 wherein the animal is a mammal.
72. The method according to claim 71 wherein the mammal is a human.
73. The method according to claim 69 wherein the animal is a mammal.
74. The method according to claim 73 wherein the mammal is a human.

75. The method according to claim 70 wherein the animal is a mammal.
76. The method according to claim 75 wherein the mammal is a human.
77. The method according to claim 59, wherein the condition is selected from the group consisting of arthritic disorders, gastrointestinal conditions, inflammatory conditions, pulmonary inflammation, ophthalmic diseases, central nervous systems disorders, pain, fever, inflammation-related cardiovascular disorders, angiogenesis-related disorders, benign and malignant tumors, adenomatous polyps, fibrosis which occurs with radiation treatment, endometriosis, osteoporosis, dysmenorrhea, premature labor, asthma, eosinophil-related disorders, pyrexia, bone resorption, nephrotoxicity, hypotension, arthrosis, joint stiffness, kidney disease, liver disease, acute mastitis, diarrhea, colonic adenomas, bronchitis, allergic neuritis, cytomegalovirus infectivity, apoptosis, HIV-induced apoptosis, lumbago, psoriasis, eczema, acne, burns, dermatitis, ultraviolet radiation damage, allergic rhinitis, respiratory distress syndrome, and endotoxin shock syndrome.
78. The method according to claim 77, wherein the condition is an arthritic disorder.
79. The method according to claim 78, wherein the arthritic disorder is selected from the group consisting of rheumatoid arthritis and osteoarthritis.
80. The method according to claim 59, wherein the condition is primary dysmenorrhea.
81. The method according to claim 59, wherein the condition is ankylosing spondylitis.
82. The method according to claim 77, wherein the condition is an inflammatory disorder.
83. The method according to claim 82, wherein the inflammatory disorder is selected from the group consisting of tendinitis and bursitis.

84. The method according to claim 77, wherein the condition is acute gouty arthritis.
85. The method according to claim 77, wherein the condition is pain.
86. The method according to claim 85, wherein the type of pain treated is anogenital, minor arthritic, dental, topical, associated with an upper respiratory infection, general, joint, menstrual, mild, mild to moderate, acute musculo-skeletal, moderate to moderately severe, moderate to severe, muscular, neurogenic, obstetrical, ocular, oral mucosal and gingival, post operative, pre-operative, pre- and post-operative, severe, short term, urinary tract, or associated with gastric hyperacidity.
87. The method according to claim 85 wherein the type of pain is mild to moderate.
88. The method according to claim 85 wherein the type of pain is moderate to moderately severe.
89. The method according to claim 85 wherein the type of pain is moderate to severe.
90. The method according to claim 85 wherein the type of pain is severe.
91. The method according to claim 85 wherein the type of pain is selected from the group consisting of pre-operative, post operative, and pre- and post-operative.
92. The method according to claim 59, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, alclofenac, fenclofenac, diflunisal, benorylate, fosfosal, aspirin, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, carprofen, fenbufen, flurbiprofen, oxaprozin, suprofen, triaprofenic acid, fenoprofen, indoprofen, piroprofen, flufenamic, mefenamic, meclofenamic, niflumic, salsalate, rolmerin, fentiazac, tilomisole, oxyphenbutazone, phenylbutazone, apazone, feprazone, sudoxicam, isoxicam, tenoxicam, piroxicam, indomethacin, meloxicam, nabumetone, tolmetin, lumiracoxib, and parecoxib.

93. The method according to claim 92, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, lumiracoxib, and parecoxib.

94. The method according to claim 59, wherein the NSAID is a COX-2 selective inhibitor.

95. The method according to claim 94, wherein the COX-2 selective inhibitor is selected from the group consisting of etoricoxib, rofecoxib, celecoxib, valdecoxib.

96. The method according to claim 59, wherein the NSAID is a COX-LOX inhibitor.

97. The method according to claim 59, wherein the NSAID is a PLA₂ inhibitor.

98. The method according to claim 59, wherein the narcotic is propoxyphene.

99. The method according to claim 59, wherein the compound is selected from the group consisting of propoxyphene diclofenate, ketamine diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, propoxyphene salicylate, propoxyphene acetylsalicylate propoxyphene ibuprofenate, morphine diclofenate, and oxycodone diclofenate.

100. The method according to claim 59, wherein the compound is selected from the group consisting of propoxyphene naproxenate, propoxyphene etodolac, propoxyphene ketoprofenate, propoxyphene sulindate, propoxyphene suprofenate, propoxyphene flurbiprofenate, propoxyphene tolmetinate, propoxyphene fenoprofenate, propoxyphene oxaprozinate, propoxyphene difunisalate, propoxyphene loxoprofenate,

ketamine acetylsalicylate, ketamine naproxenate, ketamine etodolac, ketamine sulindate, ketamine ketoprofenate, ketamine suprofenate, ketamine flurbiprofenate, ketamine tolmetinate, ketamine fenoprofenate, ketamine oxaprozinate, ketamine difunisalate, ketamine loxoprofenate, ketamine ibuprofenate, ketamine salicylate, ketamine indomethacin, ketamine diclofenate,

methadone ibuprofenate, methadone acetylsalicylate, methadone salicylate, methadone indomethacin, methadone naproxenate, methadone etodolac, methadone sulinate, methadone ketoprofenate, methadone suprofenate, methadone flurbiprofenate, methadone tolmetinate, methadone fenoprofenate, methadone oxaprozinate, methadone difunisalate, methadone loxoprofenate,

hydrocodone ibuprofenate, hydrocodone acetylsalicylate, hydrocodone salicylate, hydrocodone indomethacin, hydrocodone naproxenate, hydrocodone etodolac, hydrocodone sulindate, hydrocodone ketoprofenate, hydrocodone suprofenate, hydrocodone flurbiprofenate, hydrocodone tolmetinate, hydrocodone fenoprofenate, hydrocodone oxaprozinate, hydrocodone difunisalate, hydrocodone loxoprofenate,

codeine ibuprofenate, codeine acetylsalicylate, codeine salicylate, codeine indomethacin, codeine naproxenate, codeine etodolac, codeine sulindate, codeine ketoprofenate, codeine suprofenate, codeine flurbiprofenate, codeine tolmetinate, codeine fenoprofenate, codeine oxaprozinate, codeine difunisalate, codeine loxoprofenate,

morphine ibuprofenate, morphine acetylsalicylate, morphine salicylate, morphine indomethacin, morphine naproxenate, morphine etodolac, morphine sulindate, morphine ketoprofenate, morphine suprofenate, morphine flurbiprofenate, morphine tolmetinate, morphine fenoprofenate, morphine oxaprozinate, morphine difunisalate, morphine loxoprofenate,

levorphanol ibuprofenate, levorphanol acetylsalicylate, levorphanol salicylate, levorphanol indomethacin, levorphanol naproxenate, levorphanol etodolac, levorphanol sulindate, levorphanol ketoprofenate, levorphanol suprofenate, levorphanol flurbiprofenate, levorphanol tolmetinate, levorphanol fenoprofenate, levorphanol oxaprozinate, levorphanol difunisalate, levorphanol loxoprofenate,

oxycodone ibuprofenate, oxycodone acetylsalicylate, oxycodone salicylate, oxycodone indomethacin, oxycodone naproxenate, oxycodone etodolac, oxycodone sulindate, oxycodone ketoprofenate, oxycodone suprofenate, oxycodone flurbiprofenate, oxycodone tolmetinate, oxycodone fenoprofenate, oxycodone oxaprozinate, oxycodone difunisalate, oxycodone loxoprofenate

fentanyl naproxenate, fentanyl etodolate, fentanyl ketoprofenate, fentanyl sulindate, fentanyl suprofenate, fentanyl flurbiprofenate, fentanyl tolmetinate, fentanyl fenoprofenate, fentanyl oxaprozinate, fentanyl difunisalate, fentanyl loxoprofenate,

meperidine naproxenate, meperidine etodolate, meperidine ketoprofenate, meperidine sulindate, meperidine suprofenate, meperidine flurbiprofenate, meperidine tolmetinate, meperidine fenoprofenate, meperidine oxaprozinate, meperidine difunisalate, meperidine loxoprofenate,

hydromorphone naproxenate, hydromorphone etodolate, hydromorphone ketoprofenate, hydromorphone sulindate, hydromorphone suprofenate, hydromorphone flurbiprofenate, hydromorphone tolmetinate, hydromorphone fenoprofenate, hydromorphone oxaprozinate, hydromorphone difunisalate, hydromorphone loxoprofenate,

oxymorphone naproxenate, oxymorphone etodolate, oxymorphone ketoprofenate, oxymorphone sulindate, oxymorphone suprofenate, oxymorphone flurbiprofenate, oxymorphone tolmetinate, oxymorphone fenoprofenate, oxymorphone oxaprozinate, oxymorphone difunisalate, oxymorphone loxoprofenate,

dihydrocodeine naproxenate, dihydrocodeine etodolate, dihydrocodeine ketoprofenate, dihydrocodeine sulindate, dihydrocodeine suprofenate, dihydrocodeine flurbiprofenate, dihydrocodeine tolmetinate, dihydrocodeine fenoprofenate, dihydrocodeine oxaprozinate, dihydrocodeine difunisalate, and dihydrocodeine loxoprofenate.

101. The method according to claim 99, wherein the compound is propoxyphene diclofenate.

102. The method according to claim 60, wherein the condition is selected from the group consisting of arthritic disorders, gastrointestinal conditions, inflammatory conditions, pulmonary inflammation, ophthalmic diseases, central nervous systems disorders, pain, fever, inflammation-related cardiovascular disorders, angiogenesis-related disorders, benign and malignant tumors, adenomatous polyps, fibrosis which occurs with radiation treatment, endometriosis, osteoporosis, dysmenorrhea,

premature labor, asthma, eosinophil-related disorders, pyrexia, bone resorption, nephrotoxicity, hypotension, arthrosis, joint stiffness, kidney disease, liver disease, acute mastitis, diarrhea, colonic adenomas, bronchitis, allergic neuritis, cytomegalovirus infectivity, apoptosis, HIV-induced apoptosis, lumbago, psoriasis, eczema, acne, burns, dermatitis, ultraviolet radiation damage, allergic rhinitis, respiratory distress syndrome, and endotoxin shock syndrome.

103. The method according to claim 102, wherein the condition is an arthritic disorder.

104. The method according to claim 103, wherein the arthritic disorder is selected from the group consisting of rheumatoid arthritis and osteoarthritis.

105. The method according to claim 60, wherein the condition is primary dysmenorrhea.

106. The method according to claim 60, wherein the condition is ankylosing spondylitis.

107. The method according to claim 102, wherein the condition is an inflammatory disorder.

108. The method according to claim 107, wherein the inflammatory disorder is selected from the group consisting of tendinitis and bursitis.

109. The method according to claim 102, wherein the condition is acute gouty arthritis.

110. The method according to claim 102, wherein the condition is pain.

111. The method according to claim 110, wherein the type of pain treated is anogenital, minor arthritic, dental, topical, associated with an upper respiratory infection, general, joint, menstrual, mild, mild to moderate, acute musculo-skeletal, moderate to moderately severe, moderate to severe, muscular, neurogenic, obstetrical,

ocular, oral mucosal and gingival, post operative, pre-operative, pre- and post-operative, severe, short term, urinary tract, or associated with gastric hyperacidity.

112. The method according to claim 110 wherein the type of pain is mild to moderate.

113. The method according to claim 110 wherein the type of pain is moderate to moderately severe.

114. The method according to claim 110 wherein the type of pain is moderate to severe.

115. The method according to claim 110 wherein the type of pain is severe.

116. The method according to claim 110 wherein the type of pain is selected from the group consisting of pre-operative, post operative, and pre- and post-operative.

117. The method according to claim 60, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, alclofenac, fenclofenac, diflunisal, benorylate, fosfosal, aspirin, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, carprofen, fenbufen, flurbiprofen, oxaprozin, suprofen, triaprofenic acid, fenoprofen, indoprofen, pioprofen, flufenamic, mefenamic, meclofenamic, niflumic, salsalate, rolmerin, fentiazac, tilomisole, oxyphenbutazone, phenylbutazone, apazone, feprazone, sudoxicam, isoxicam, tenoxicam, piroxicam, indomethacin, meloxicam, nabumetone, tolmetin, lumiracoxib, and parecoxib.

118. The method according to claim 117, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, lumiracoxib, and parecoxib.

119. The method according to claim 60, wherein the NSAID is a COX-2 selective inhibitor.

120. The method according to claim 119, wherein the COX-2 selective inhibitor is selected from the group consisting of etoricoxib, rofecoxib, celecoxib, valdecoxib.

121. The method according to claim 60, wherein the NSAID is a COX-LOX inhibitor.
122. The method according to claim 60, wherein the NSAID is a PLA₂ inhibitor.
123. The method according to claim 60, wherein the narcotic is propoxyphene.
124. The method according to claim 60, wherein the compound is selected from the group consisting of propoxyphene diclofenate, ketamine diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, propoxyphene salicylate, propoxyphene acetylsalicylate propoxyphene ibuprofenate, morphine diclofenate, and oxycodone diclofenate.
125. The method according to claim 60, wherein the compound is selected from the group consisting of propoxyphene naproxenate, propoxyphene etodolate, propoxyphene ketoprofenate, propoxyphene sulindate, propoxyphene suprofenate, propoxyphene flurbiprofenate, propoxyphene tolmetinate, propoxyphene fenoprofenate, propoxyphene oxaprozinate, propoxyphene difunisalate, propoxyphene loxoprofenate,
ketamine acetylsalicylate, ketamine naproxenate, ketamine etodolate, ketamine sulindate, ketamine ketoprofenate, ketamine suprofenate, ketamine flurbiprofenate, ketamine tolmetinate, ketamine fenoprofenate, ketamine oxaprozinate, ketamine difunisalate, ketamine loxoprofenate, ketamine ibuprofenate, ketamine salicylate, ketamine indomethacinate, ketamine diclofenate, methadone ibuprofenate, methadone acetylsalicylate, methadone salicylate, methadone indomethacinate, methadone naproxenate, methadone etodolate, methadone sulinate, methadone ketoprofenate, methadone suprofenate, methadone flurbiprofenate, methadone tolmetinate, methadone fenoprofenate, methadone oxaprozinate, methadone difunisalate, methadone loxoprofenate,
hydrocodone ibuprofenate, hydrocodone acetylsalicylate, hydrocodone salicylate, hydrocodone indomethacinate, hydrocodone naproxenate, hydrocodone etodolate, hydrocodone sulindate, hydrocodone ketoprofenate, hydrocodone suprofenate, hydrocodone flurbiprofenate, hydrocodone tolmetinate, hydrocodone

fenoprofenate, hydrocodone oxaprozinate, hydrocodone difunisalate, hydrocodone loxoprofenate,

codeine ibuprofenate, codeine acetylsalicylate, codeine salicylate, codeine indomethacin, codeine naproxenate, codeine etodolate, codeine sulindate, codeine ketoprofenate, codeine suprofenate, codeine flurbiprofenate, codeine tolmetinate, codeine fenoprofenate, codeine oxaprozinate, codeine difunisalate, codeine loxoprofenate,

morphine ibuprofenate, morphine acetylsalicylate, morphine salicylate, morphine indomethacin, morphine naproxenate, morphine etodolate, morphine sulindate, morphine ketoprofenate, morphine suprofenate, morphine flurbiprofenate, morphine tolmetinate, morphine fenoprofenate, morphine oxaprozinate, morphine difunisalate, morphine loxoprofenate,

levorphanol ibuprofenate, levorphanol acetylsalicylate, levorphanol salicylate, levorphanol indomethacin, levorphanol naproxenate, levorphanol etodolate, levorphanol sulindate, levorphanol ketoprofenate, levorphanol suprofenate, levorphanol flurbiprofenate, levorphanol tolmetinate, levorphanol fenoprofenate, levorphanol oxaprozinate, levorphanol difunisalate, levorphanol loxoprofenate,

oxycodone ibuprofenate, oxycodone acetylsalicylate, oxycodone salicylate, oxycodone indomethacin, oxycodone naproxenate, oxycodone etodolate, oxycodone sulindate, oxycodone ketoprofenate, oxycodone suprofenate, oxycodone flurbiprofenate, oxycodone tolmetinate, oxycodone fenoprofenate, oxycodone oxaprozinate, oxycodone difunisalate, oxycodone loxoprofenate

fentanyl naproxenate, fentanyl etodolate, fentanyl ketoprofenate, fentanyl sulindate, fentanyl suprofenate, fentanyl flurbiprofenate, fentanyl tolmetinate, fentanyl fenoprofenate, fentanyl oxaprozinate, fentanyl difunisalate, fentanyl loxoprofenate,

meperidine naproxenate, meperidine etodolate, meperidine ketoprofenate, meperidine sulindate, meperidine suprofenate, meperidine flurbiprofenate, meperidine tolmetinate, meperidine fenoprofenate, meperidine oxaprozinate, meperidine difunisalate, meperidine loxoprofenate,

hydromorphone naproxenate, hydromorphone etodolate, hydromorphone ketoprofenate, hydromorphone sulindate, hydromorphone suprofenate, hydromorphone flurbiprofenate, hydromorphone tolmetinate, hydromorphone fenoprofenate, hydromorphone oxaprozinate, hydromorphone difunisalate, hydromorphone loxoprofenate,

oxymorphone naproxenate, oxymorphone etodolate, oxymorphone ketoprofenate, oxymorphone sulindate, oxymorphone suprofenate, oxymorphone flurbiprofenate, oxymorphone tolmetinate, oxymorphone fenoprofenate, oxymorphone oxaprozinate, oxymorphone difunisalate, oxymorphone loxoprofenate,

dihydrocodeine naproxenate, dihydrocodeine etodolate, dihydrocodeine ketoprofenate, dihydrocodeine sulindate, dihydrocodeine suprofenate, dihydrocodeine flurbiprofenate, dihydrocodeine tolmetinate, dihydrocodeine fenoprofenate, dihydrocodeine oxaprozinate, dihydrocodeine difunisalate, and dihydrocodeine loxoprofenate.

126. The method according to claim 124, wherein the compound is propoxyphene diclofenate.

127. The method according to claim 61, wherein the condition is selected from the group consisting of arthritic disorders, gastrointestinal conditions, inflammatory conditions, pulmonary inflammation, ophthalmic diseases, central nervous systems disorders, pain, fever, inflammation-related cardiovascular disorders, angiogenesis-related disorders, benign and malignant tumors, adenomatous polyps, fibrosis which occurs with radiation treatment, endometriosis, osteoporosis, dysmenorrhea, premature labor, asthma, eosinophil-related disorders, pyrexia, bone resorption, nephrotoxicity, hypotension, arthrosis, joint stiffness, kidney disease, liver disease, acute mastitis, diarrhea, colonic adenomas, bronchitis, allergic neuritis, cytomegalovirus infectivity, apoptosis, HIV-induced apoptosis, lumbago, psoriasis, eczema, acne, burns, dermatitis, ultraviolet radiation damage, allergic rhinitis, respiratory distress syndrome, and endotoxin shock syndrome.

128. The method according to claim 127, wherein the condition is an arthritic disorder.

129. The method according to claim 128, wherein the arthritic disorder is selected from the group consisting of rheumatoid arthritis and osteoarthritis.

130. The method according to claim 61, wherein the condition is primary dysmenorrhea.

131. The method according to claim 61, wherein the condition is ankylosing spondylitis.

132. The method according to claim 127, wherein the condition is an inflammatory disorder.

133. The method according to claim 132, wherein the inflammatory disorder is selected from the group consisting of tendinitis and bursitis.

134. The method according to claim 127, wherein the condition is acute gouty arthritis.

135. The method according to claim 127, wherein the condition is pain.

136. The method according to claim 135, wherein the type of pain treated is anogenital, minor arthritic, dental, topical, associated with an upper respiratory infection, general, joint, menstrual, mild, mild to moderate, acute musculo-skeletal, moderate to moderately severe, moderate to severe, muscular, neurogenic, obstetrical, ocular, oral mucosal and gingival, post operative, pre-operative, pre- and post-operative, severe, short term, urinary tract, or associated with gastric hyperacidity.

137. The method according to claim 136 wherein the type of pain is mild to moderate.

138. The method according to claim 136 wherein the type of pain is moderate to moderately severe.

139. The method according to claim 136 wherein the type of pain is moderate to severe.

140. The method according to claim 136 wherein the type of pain is severe.
141. The method according to claim 136 wherein the type of pain is selected from the group consisting of pre-operative, post operative, and pre- and post-operative.
142. The method according to claim 61, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, alclofenac, fenclofenac, diflunisal, benorylate, fosfosal, aspirin, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, carprofen, fenbufen, flurbiprofen, oxaprozin, suprofen, triaprofenic acid, fenoprofen, indoprofen, piroprofen, flufenamic, mefenamic, meclofenamic, niflumic, salsalate, rolmerin, fentiazac, tilomisole, oxyphenbutazone, phenylbutazone, apazone, feprazone, sudoxicam, isoxicam, tenoxicam, piroxicam, indomethacin, meloxicam, nabumetone, tolmetin, lumiracoxib, and parecoxib.
143. The method according to claim 142, wherein the NSAID is selected from the group consisting of diclofenac, etodolac, sulindac, salicylic acid, acetylsalicylic acid, ibuprofen, ketoprofen, naproxen, lumiracoxib, and parecoxib.
144. The method according to claim 61, wherein the NSAID is a COX-2 selective inhibitor.
145. The method according to claim 94, wherein the COX-2 selective inhibitor is selected from the group consisting of etoricoxib, rofecoxib, celecoxib, valdecoxib.
146. The method according to claim 61, wherein the NSAID is a COX-LOX inhibitor.
147. The method according to claim 61, wherein the NSAID is a PLA₂ inhibitor.
148. The method according to claim 61, wherein the narcotic is propoxyphene.
149. The method according to claim 61, wherein the compound is selected from the group consisting of propoxyphene diclofenate, ketamine diclofenate, methadone diclofenate, hydrocodone diclofenate, codeine diclofenate, propoxyphene salicylate,

propoxyphene acetylsalicylate propoxyphene ibuprofenate, morphine diclofenate, and oxycodone diclofenate.

150. The method according to claim 61, wherein the compound is selected from the group consisting of propoxyphene naproxenate, propoxyphene etodolate, propoxyphene ketoprofenate, propoxyphene sulindate, propoxyphene suprofenate, propoxyphene flurbiprofenate, propoxyphene tolmetinate, propoxyphene fenoprofenate, propoxyphene oxaprozinate, propoxyphene difunisalate, propoxyphene loxoprofenate,

ketamine acetylsalicylate, ketamine naproxenate, ketamine etodolate, ketamine sulindate, ketamine ketoprofenate, ketamine suprofenate, ketamine flurbiprofenate, ketamine tolmetinate, ketamine fenoprofenate, ketamine oxaprozinate, ketamine difunisalate, ketamine loxoprofenate, ketamine ibuprofenate, ketamine salicylate, ketamine indomethacinate, ketamine diclofenate,

methadone ibuprofenate, methadone acetylsalicylate, methadone salicylate, methadone indomethacinate, methadone naproxenate, methadone etodolate, methadone sulinate, methadone ketoprofenate, methadone suprofenate, methadone flurbiprofenate, methadone tolmetinate, methadone fenoprofenate, methadone oxaprozinate, methadone difunisalate, methadone loxoprofenate,

hydrocodone ibuprofenate, hydrocodone acetylsalicylate, hydrocodone salicylate, hydrocodone indomethacinate, hydrocodone naproxenate, hydrocodone etodolate, hydrocodone sulindate, hydrocodone ketoprofenate, hydrocodone suprofenate, hydrocodone flurbiprofenate, hydrocodone tolmetinate, hydrocodone fenoprofenate, hydrocodone oxaprozinate, hydrocodone difunisalate, hydrocodone loxoprofenate,

codeine ibuprofenate, codeine acetylsalicylate, codeine salicylate, codeine indomethacinate, codeine naproxenate, codeine etodolate, codeine sulindate, codeine ketoprofenate, codeine suprofenate, codeine flurbiprofenate, codeine tolmetinate, codeine fenoprofenate, codeine oxaprozinate, codeine difunisalate, codeine loxoprofenate,

morphine ibuprofenate, morphine acetylsalicylate, morphine salicylate, morphine indomethacinate, morphine naproxenate, morphine etodolate, morphine

sulindate, morphine ketoprofenate, morphine suprofenate, morphine flurbiprofenate, morphine tolmetinate, morphine fenoprofenate, morphine oxaprozinate, morphine difunisalate, morphine loxoprofenate,

levorphanol ibuprofenate, levorphanol acetylsalicylate, levorphanol salicylate, levorphanol indomethacinate, levorphanol naproxenate, levorphanol etodolate, levorphanol sulindate, levorphanol ketoprofenate, levorphanol suprofenate, levorphanol flurbiprofenate, levorphanol tolmetinate, levorphanol fenoprofenate, levorphanol oxaprozinate, levorphanol difunisalate, levorphanol loxoprofenate,

oxycodone ibuprofenate, oxycodone acetylsalicylate, oxycodone salicylate, oxycodone indomethacinate, oxycodone naproxenate, oxycodone etodolate, oxycodone sulindate, oxycodone ketoprofenate, oxycodone suprofenate, oxycodone flurbiprofenate, oxycodone tolmetinate, oxycodone fenoprofenate, oxycodone oxaprozinate, oxycodone difunisalate, oxycodone loxoprofenate

fentanyl naproxenate, fentanyl etodolate, fentanyl ketoprofenate, fentanyl sulindate, fentanyl suprofenate, fentanyl flurbiprofenate, fentanyl tolmetinate, fentanyl fenoprofenate, fentanyl oxaprozinate, fentanyl difunisalate, fentanyl loxoprofenate,

meperidine naproxenate, meperidine etodolate, meperidine ketoprofenate, meperidine sulindate, meperidine suprofenate, meperidine flurbiprofenate, meperidine tolmetinate, meperidine fenoprofenate, meperidine oxaprozinate, meperidine difunisalate, meperidine loxoprofenate,

hydromorphone naproxenate, hydromorphone etodolate, hydromorphone ketoprofenate, hydromorphone sulindate, hydromorphone suprofenate, hydromorphone flurbiprofenate, hydromorphone tolmetinate, hydromorphone fenoprofenate, hydromorphone oxaprozinate, hydromorphone difunisalate, hydromorphone loxoprofenate,

oxymorphone naproxenate, oxymorphone etodolate, oxymorphone ketoprofenate, oxymorphone sulindate, oxymorphone suprofenate, oxymorphone flurbiprofenate, oxymorphone tolmetinate, oxymorphone fenoprofenate, oxymorphone oxaprozinate, oxymorphone difunisalate, oxymorphone loxoprofenate,

dihydrocodeine naproxenate, dihydrocodeine etodolate, dihydrocodeine ketoprofenate, dihydrocodeine sulindate, dihydrocodeine suprofenate, dihydrocodeine flurbiprofenate, dihydrocodeine tolmetinate, dihydrocodeine fenoprofenate, dihydrocodeine oxaprozinate, dihydrocodeine difunisalate, and dihydrocodeine loxoprofenate.

151. The method according to claim 149, wherein the compound is propoxyphene diclofenate.

152. A process for preparing the ion pair compound according to claim 1, comprising the steps of contacting a salt of the formula $\{[\text{narcotic}]^+\}_x \text{X}^{-x}$ with a salt of the formula $[\text{A}]^-\text{B}^+$,

wherein

x is 1, 2, or 3;

X is an anion with a charge of $-x$; and

B^+ is a cation.

153. The process according to claim 152, further comprising dissolving $\{[\text{narcotic}]^+\}_x \text{X}^{-x}$ and $[\text{A}]^-\text{B}^+$ in separate volumes of the same solvent or different solvents prior to the contacting.

154. The process according to claim 153, wherein the ion pair compound of general formula I is sparingly soluble or insoluble in the solvent or different solvents, such that the contacting results in the precipitation of the ion pair compound.

155. The process according to claim 152, wherein the ion pair compound of general formula I is soluble in the solvent or different solvents.

156. The process according to claim 155, further comprising removing said solvent or solvents and isolating the ion pair compound of general formula I.

157. The process according to claim 153, further wherein the contacting occurs on a cation exchange medium.

158. The process according to claim 157, wherein the cation exchange medium is a cation exchange chromatography column.

159. The process according to claim 158, further comprising eluting the ion pair compound of general formula I from the chromatography column.

160. A composition comprising a plurality of ion pair compounds, their pharmaceutically acceptable solvates, hydrates, polymorphs, and/or isotopically labeled versions thereof according to claim 1.